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DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63)

☐ Declaration
Submitted
with Initial
Filing

OR

☒ Declaration
Submitted after Initial
Filing (surcharge
(37 CFR 1.16 (e))
required)

Attorney Docket Number	GENE0116
First Named Inventor	William Steven Lanier t al.
COMPLETE IF KNOWN	
Application Number	10 / 054,850
Filing Date	01/25/2002
Art Unit	1754
Examiner Name	

As the below named inventor, I hereby declare that:

My residence, mailing address, and citizenship are as stated below next to my name.

I believe I am the original and first inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Process and system to reduce mercury emission

(Title of the invention)

the specification of which

☐ is attached hereto

OR

☒ was filed on (MM/DD/YYYY) 01/25/2002

as United States Application Number or PCT International

Application Number 10/054,850

and was amended on (MM/DD/YYYY)

(if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?	
				YES	NO
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

(Page 1 of 2)

DECLARATION — Utility or Design Patent Application

Direct all correspondence to: <input checked="" type="checkbox"/>		Customer Number or Bar Code Label 000025101		OR <input type="checkbox"/> Correspondence address below	
Name					
Address					
City		State		ZIP	
Country		Telephone		Fax	
<p>I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.</p>					
NAME OF SOLE OR FIRST INVENTOR :			<input type="checkbox"/> A petition has been filed for this unsigned inventor		
Given Name (first and middle (if any))			Family Name or Surname		
William Steven			Lanier		
Inventor's Signature <i>William Steven Lanier</i>					Date <i>3/11/02</i>
Residence: City		State		Country	
Durham		NC		USA	
Mailing Address					
2509 Lanier Place					
City		State		ZIP	
Durham		NC		27705	
Country		USA			
NAME OF SECOND INVENTOR:			<input type="checkbox"/> A petition has been filed for this unsigned inventor		
Given Name (first and middle (if any))			Family Name or Surname		
Charles M.			Booth		
Inventor's Signature <i>Charles M. Booth</i>					Date <i>3/12/0</i>
Residence: City		State		Country	
Raleigh		NC		USA	
Mailing Address					
6608 Champaign Place					
City		State		ZIP	
Raleigh		NC		27615	
Country		USA			
<input type="checkbox"/> Additional inventors are being named on the _____ supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto.					

Please type a plus sign (+) inside this box ☒

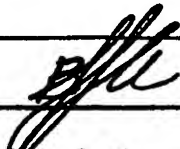

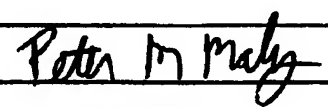
PTO/SB/02A (11-00)

Approved for use through 10/31/2002. OMB 0861-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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DECLARATION	ADDITIONAL INVENTOR(S) Supplemental Sheet Page <u>1</u> of <u>2</u>
--------------------	---

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Vitali V.		Lissianski	
Inventor's Signature 		Date <u>3/11/2002</u>	
Residence: City San Juan Capistrano	State CA	Country USA	Citizenship USA
Mailing Address 27596 Via Fortuna			
Mailing Address			
City San Juan Capistrano	State CA	ZIP 92675	Country USA
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Vladimir M.		Zamansky	
Inventor's Signature 		Date <u>2/26/02</u>	
Residence: City Oceanside	State CA	Country USA	Citizenship USA
Mailing Address 25539 Ivy Road			
Mailing Address			
City Oceanside	State CA	ZIP 92054	Country USA
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Peter M.		Maly	
Inventor's Signature 		Date <u>3/1/02</u>	
Residence: City Lake Forest	State CA	Country USA	Citizenship USA
Mailing Address 21492 Coralita			
Mailing Address			
City Lake Forest	State CA	ZIP 92630	Country USA

Burden Hour Statement: This form is estimated to take 21 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Please type a plus sign (+) inside this box → ☒

PTO/SB/02A (11-00)

Approved for use through 10/31/2002. OMB 0851-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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DECLARATION

ADDITIONAL INVENTOR(S)
Supplemental Sheet
Page 2 of 2

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
William Randall		Seeker	
Inventor's Signature <i>Wm Randall Seeker</i>		Date <i>3/6/02</i>	
Residence: City	San Clemente	State	CA
Country	USA	Citizenship	USA
Mailing Address 711 Calle Brisa			
Mailing Address			
City	San Clemente	State	CA
ZIP	92673	Country	USA
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Inventor's Signature		Date	
Residence: City		State	
Country		Citizenship	
Mailing Address			
Mailing Address			
City		State	
ZIP		Country	
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Inventor's Signature		Date	
Residence: City		State	
Country		Citizenship	
Mailing Address			
Mailing Address			
City		State	
ZIP		Country	

Burden Hour Statement: This form is estimated to take 21 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO : Assistant Commissioner for Patents, Washington, DC 20231.

Please type a plus sign (+) inside this box → ☐

PTO/SB/61 (02-01)

Approved for use through 10/31/2002. OMB 0651-0035

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POWER OF ATTORNEY OR AUTHORIZATION OF AGENT

Application Number	10/054,850
Filing Date	01/25/2002
First Named Inventor	William Steven Lanier et al.
Title	Process and system to reduce
Group Art Unit	1754
Examiner Name	
Attorney Docket Number	GENE0116

I hereby appoint:

☒ Practitioners at Customer Number

000025101

Place Customer
Number Bar Code
Label here

☐ Practitioner(s) named below:

Name	Registration Number
Philip D. Freedman	24,163

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please change the correspondence address for the above-identified application to:

☐ The above-mentioned Customer Number.

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Individual Name

Address

Address

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State

Zip

Country

Telephone

Fax

I am the:

☒ Applicant/Inventor.

☐ Assignee of record of the entire interest. See 37 CFR 3.71.
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).

SIGNATURE of Applicant or Assignee of Record

Name	William Steven Lanier
Signature	<i>William Steven Lanier</i>
Date	March 18, 2002

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.

☒ Total of forms are submitted.

Burden Hour Statement: This form is estimated to take 3 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on

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PTO/SB/61 (02-01)

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SIGNATURE of Applicant or Assignee of Record

Name

Charles M. Booth

Signature

Date

March 12 2002

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.

☒ Total of 6 forms are submitted.

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PTO/SB/61 (02-01)

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SIGNATURE of Applicant or Assignee of Record

Name

Vitali V. Lisianski

Signature

Date

3/11/2002

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.

☒ Total of 6 forms are submitted.

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PTO/SB/81 (02-01)

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First Named Inventor	William Steven Lanier et al.
Title	Process and system to reduce
Group Art Unit	1754
Examiner Name	
Attorney Docket Number	GENE0116

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Philip D. Freedman	24,163

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☐ Assignee of record of the entire interest. See 37 CFR 3.71.
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).

SIGNATURE of Applicant or Assignee of Record

Name	Vladimir M. Zamansky
Signature	<i>Vladimir Zamansky</i>
Date	2/26/02

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.

☒ Total of _____ forms are submitted.

Bureau Hour Statement: This form is estimated to take 3 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on

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PTO/SB/81 (02-01)

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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Group Art Unit	1754
Examiner Name	
Attorney Docket Number	GENE0116

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Name	Registration Number
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☐ Assignee of record of the entire interest. See 37 CFR 3.71.
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).

SIGNATURE of Applicant or Assignee of Record

Name Peter M. Maly

Signature

Date

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.

☒ Total of 6 forms are submitted.

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PTO/SB/81 (02-01)

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Filing Date	01/25/2002
First Named Inventor	William Steven Lanier
Title	Process and system to reduce...
Group Art Unit	1754
Examiner Name	
Attorney Docket Number	GENE0116

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☒ Practitioners at Customer Number

000025101

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Label here

☐ Practitioner(s) named below:

Name	Registration Number
Philip D. Freedman	24,163

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☐ Firm or
Individual Name

Address

Address

City

State

Zip

Country

Telephone

Fax

I am the:

☒ Applicant/Inventor.

☐ Assignee of record of the entire interest. See 37 CFR 3.71.

Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).

SIGNATURE of Applicant or Assignee of Record

Name	William Randall Seeker
Signature	<i>William Randall Seeker</i>
Date	3-11-02

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.

☒ Total of 9 forms are submitted.

Burden Hour Statement: This form is estimated to take 3 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on this statement of time should be submitted to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC.

ASSIGNMENT

In consideration of One Dollar and other good and valuable consideration, of which we acknowledge receipt, William Steven Lanier of 2509 Lanier Place, Durham, NC 27705; Charles M. Booth of 6608 Champaign Place, Raleigh, NC 27615; Vitali V. Lissianski of 27596 Via Fortuna, San Juan Capistrano, CA 92675; Vladimir M. Zamansky of 25539 Ivy Road, Oceanside, CA 92054; Peter M. Maly of 21492 Coralita, Lake Forest, CA 92630; and William Randall Seeker of 711 Calle Brisa, San Clemente, CA 92673, do sell and assign to General Electric Company, a New York Corporation, its successors and assigns, the entire right, title and interest in and to the improvements in **PROCESS AND SYSTEM TO REDUCE MERCURY EMISSION** invented by us, as described in the application for United States Patent filed on January 25, 2002 as Serial Number 10/054,850 and any and all applications for patent and patents therefor in any and all countries, including all divisions, reissues, continuations and extensions thereof, and all rights of priority resulting from the filing of said United States application, and authorize and request any official whose duty it is to issue patents, to issue any patent on said improvements or resulting therefrom to said General Electric Company, or its successors or assigns and agree that on request and without further consideration, but at the expense of said Company, we will communicate to said Company or its representatives or nominees any facts known to us respecting said improvements and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid said Company, its successors, assigns, and nominees to obtain and enforce proper patent protection for said improvements in all countries.

March 11, 2002
Date

William Steven Lanier
WILLIAM STEVEN LANIER

Witnessed by:

Name: Cathy A. Maly

Date: 3/11/02

Name: Pat Chel

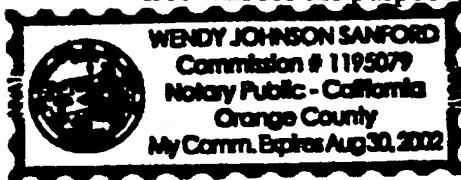
Date: 3/11/02

STATE OF California
~~North Carolina~~

County of
Orange

ss):

This 11th day of March, 2002, before me personally came the above-named,
WILLIAM STEVEN LANIER, to me personally known as the individual who executed
the foregoing assignment, who acknowledged to me that he executed the same of his own
free will for the purposes therein set forth.



Wendy Johnson Sanford
Notary Public

My Commission Expires:

8/30/2002

March 12, 2002
Date

Charles M. Booth
CHARLES M. BOOTH

Witnessed by:

Name: Stella L. LelandDate: 3/12/02Name: Allen J. LelandDate: 3/12/02

STATE OF North Carolina)

County of
Wake

ss):

This 12th day of March, 2002, before me personally came the above-named, CHARLES M. BOOTH, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

Seal J. Carly
Notary Public

My Commission Expires:

18 Oct 2006

3/01/02
Date

Vladimir Zamansky
VLADIMIR M. ZAMANSKY

Witnessed by:

Name: Malcolm P. Chuladeke

Date: 3-1-02

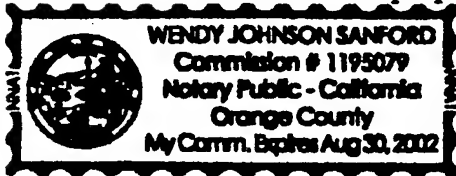
Name: Vitali Lissianski

Date: 3/1/2002

STATE OF California)
County of
Orange

ss):

This 1st day of March, 2002, before me personally came the above-named, VLADIMIR M. ZAMANSKY, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.



Wendy Johnson Sanford
Notary Public
8/30/02

My Commission Expires:

3/1/02
Date

Peter M. Malý
PETER M. MALY

Witnessed by:

Name: Wong J. Plager

Date: 03/01/02

Name: Orlan A. Cholester

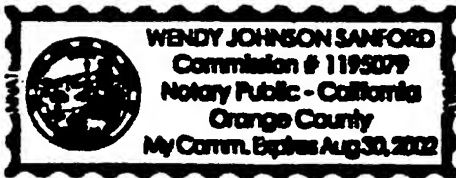
Date: 03/01/02

STATE OF California)

County of
Orange)

ss):

This 1st day of March, 2002, before me personally came the above-named, PETER M. MALY, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.



My Commission Expires:

Wendy Johnson Sanford
Notary Public
8/30/2002

3/06/02
Date

William Randall Seeker
WILLIAM RANDALL SEEKER

Witnessed by:

Name: Wendy Johnson Sanford
Name: Cathy A. May

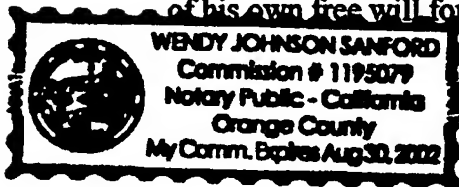
Date: 03/06/02Date: 3/6/02

STATE OF California)

County of
Orange

ss):

This 6th day of March, 2002, before me personally came the above-named,
WILLIAM RANDALL SEEKER, to me personally known as the individual who
executed the foregoing assignment, who acknowledged to me that he executed the same
of his own free will for the purposes therein set forth.



Wendy Johnson Sanford
Notary Public

My Commission Expires:

8/30/02